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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Douglas S. McBain
FOR : **INTEGRAL INJECTION MOLDING AND
IN-MOLD COATING APPARATUS**
SERIAL NO. : 10/732,881
FILED : December 10, 2003
EXAMINER : Unknown
ART UNIT : 1722
CONFIRMATION NO. : 6948
ATTORNEY DOCKET NO. : 0-010262USJZF
OMNZ 2 00019

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir or Madam:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicant(s) submit(s) the following Disclosure Statement concerning art of which the applicant(s) is (are) aware. A copy of PTO-1449 is enclosed herewith.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with the United States Patent and Trademark Office OG Notice dated 05 August 2003, waiving the requirement under 37 C.F.R. §1.98(a)(2)(i), for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, Applicant(s) has not enclosed copies of the cited U.S. patents and applications with this Disclosure.

In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. If available, an English language translation is provided with any non-English language patents, publications or other information provided herewith. All non-English language references for which no English language translation is provided were cited by the European Patent Office in PCT applications directed toward the same or similar technology areas as the application with which this Information Disclosure Statement concerns.

Consideration of the appropriate paragraph(s) indicated below is respectfully requested:

☐ **WITHIN THREE MONTHS OF FILING:** Under § 1.97(b)(1), this Information Disclosure Statement is being filed within three months of the filing date of the application. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☒ **BEFORE FIRST OFFICE ACTION:** Under § 1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **INTERNATIONAL SEARCH REPORT:** Under § 1.97(e)(1), the undersigned certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

☐ **BEFORE FINAL ACTION/WITH FEE:** Under § 1.97(c)(2), this information shall be considered if filed before the mailing date of a final action if accompanied by a fee in the amount of \$180.00 as required by §1.17(p). Accordingly, the necessary fee accompanies this Information Disclosure Statement. Any overpayment or deficiency can be charged to Deposit Account No. 06-0308.

☐ **PRIORITY CLAIM:** The attached PTO 1449 Form includes all patents, publications, or other information previously cited by or submitted to the Office in one or more prior applications from which the present application claims priority. These


one or more prior applications are identified in the papers accompanying the filing of this application. In accordance with § 609 MPEP, only copies of art not previously submitted are enclosed.

It is respectfully requested that the attached document(s) be considered and officially cited in examination of this application.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP

June 9, 2004
Date


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CERTIFICATE OF MAILING

I certify that this Information Disclosure Statement and accompanying document(s) are being

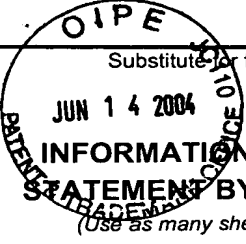
☒ deposited with the United States Postal Service as First Class mail under 37 C.F.R. 1.8, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

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Express Mail Label No.:
Date June 9, 2004

Signature
Printed Name Audrey M. Dragony

	Substitute for form 1449/PTO		COMPLETE IF KNOWN	
	Application Number		10/732,881	
	Filing Date		December 10, 2003	
	First Named Inventor		Douglas S. McBain	
	Art Unit		1722	
	Examiner Name		Unknown	
Sheet 1 of 1		Attorney Docket No.		0-010262USJZF OMNZ 2 00019

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-4,106,115	08/08/1978	Takahashi et al.	
	AB	US-4,477,405	10/16/1984	Makhlouf et al.	
	AC	US-4,539,259	09/03/1985	Zuscik	
	AD	US-4,647,274	03/03/1987	Oda	
	AE	US-5,149,380	09/22/1992	Decker	
	AF	US-5,562,883	10/08/1996	Salisbury et al.	
	AG	US-5,962,142	10/05/1999	Tachi et al.	
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code-Number Kind Code (if known)				
	AM	EP 1 029 652	05/02/2003			
	AN	EP 1 088 648	12/10/2003			
	AO	JP 07 290504 (English Abstract)	11/07/1995			X
	AP	JP 2000 141407 (English Abstract)	05/23/2000			X

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published	T
	AQ	GE Plastics Processing Guide, <u>GE Engineering Thermoplastics Injection Molding Processing Guide</u> , General Electric, 1998, pp. i-iv.	
	AR	GE Injection Molding Mold Design, <u>GE Engineering Thermoplastics Injection Molding Processing Guide</u> , General Electric, 1998, pp. 1-1 – 1-24.	
	AS	GE Injection Molding Processing, <u>GE Engineering Thermoplastics Injection Molding Processing Guide</u> , General Electric, 1998, pp. 2-1 – 2-12.	
	AT	GE Injection Molding Troubleshooting Guide, <u>GE Engineering Thermoplastics Injection Molding Processing Guide</u> , General Electric, 1998, pp. 3-1 – 3-7.	
	AU	Long Fiber Reinforced Thermoplastics, <u>Injection Molding Guide</u> , Celstran, 1999, pp.1-27.	
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Examiner Signature		Date Considered	
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